

APPLICATION NO.: 10/697,064  
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**AMENDMENTS TO THE SPECIFICATION**

Please amend the Abstract as follows:

An apparatus comprises a first substrate and a second substrate. The first substrate includes an optoelectronic device and a matching circuit. The second substrate includes a driver circuit. A frequency response of the optoelectronic device is changed by the matching circuits. The first substrate is coupled to the second substrate via respective bond pads from the first and second substrates such that the matching circuit is interposed between the optoelectronic device and the driver circuit. The present invention alters the frequency response of an optoelectronic device to match a driver circuit that drives the optoelectronic device. The optoelectronic device is formed on a first substrate. A matching circuit is also formed on the first substrate and coupled to the optoelectronic device to change its frequency response. The matching circuit provides a precise and repeatable amount of inductance to an optoelectronic device.